

Message Text

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ORIGIN EUR-25

INFO OCT-01 ARA-16 EA-11 IO-13 ISO-00 NSF-04 DODE-00 INT-08

EPA-04 SS-15 CEQ-02 SCI-06 COME-00 FAA-00 HEW-08

HUD-02 EB-11 NSC-10 AEC-11 CIAE-00 PM-07 INR-10 L-03

NEA-10 NSAE-00 PA-03 RSC-01 PRS-01 SPC-03 USIA-15

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S/S: MR. GAMMON

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FM SECSTATE WASHDC

TO ALL NATO CAPITALS PRIORITY

AMEMBASSY MEXICO PRIORITY

AMEMBASSY TOKYO PRIORITY

AMEMBASSY WELLINGTON PRIORITY

USMISSION EC BRUSSELS PRIORITY

USMISSION OECD PARIS PRIORITY

USMISSION USUN NEW YORK PRIORITY

USMISSION IAEA VIENNA PRIORITY

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EO11652: N/Z

TAGS: SENV, NATO
SUBJ: CCMS: GEOTHERMAL ENERGY PROJECT MEETING
CALIFORNIA (OCT 1-5, 1973)

REF: STATE 171428

1. AS PROMISED IN CHAIRMAN USAEC'S INVITATION REGARDING SUBJECT MEETING TRANSMITTED REFTEL, THERE FOLLOW THREE PRELIMINARY U.S. PROPOSALS FOR DISCUSSION AND POSSIBLE INCLUDING IN CCMS PROJECT ON GEOTHERMAL ENERGY. AT SAME TIME, U.S. SOLICITS PROPOSALS FROM OTHER COUNTRIES WHICH MIGHT BE INCORPORATED INTO PROJECT OR SUGGESTIONS AS TO HOW PRELIMINARY PROPOSALS MIGHT BETTER ACCOMMODATE SPECIFIC CONCERNS OF INDIVIDUAL COUNTRIES. COUNTRY REPRESENTATIVES SHOULD COME TO MEETING PREPARED TO DEVELOP CONSENSUS ON FINAL COMPREHENSIVE PROJECT PROPOSAL FOR CCMS.

2. FOLLOWING EXTENSIVE DISCUSSIONS DRAWING ON INFORMATION COLLECTED IN COURSE OF U.S. TEAM VISITS IN JULY AND SEPTEMBER, AND CONSIDERING U.S. NATIONAL PROGRAMS IN GEOTHERMAL AREA, USAEC SUGGESTS THAT FOLLOWING PRELIMINARY PROPOSALS BE CONSIDERED AT CALIFORNIA MEETING OCTOBER 1-5:

A. ESTABLISHMENT OF MEANS FOR THE COLLECTION, STORAGE, AND DISSEMINATION OF GENERAL AND DETAILED TECHNICAL INFORMATION ON GEOTHERMAL RESOURCES AND EXPLOITATION. AS INVISAGED, A CENTRALIZED EFFORT WOULD BE MADE AGGRESSIVELY TO SEEK BASIC DATA (E.G. CHEMICAL ANALYSES FROM INDIVIDUAL WELLS) AS WELL AS GENERAL INFORMATION AND NEWS ITEMS. REPORTS WOULD BE ISSUED ON THIS DATA COLLECTION ON A QUARTERLY BASIS. GEOTHERMAL RESERVOIR DATA COULD ALSO BE COLLECTED WITH A VIEW TO USING IT IN COMPUTATIONAL MODELS DESIGNED TO PREDICT OPTIMAL USAGE OF GEOTHERMAL SOURCES. SUMMARIES AND REVIEWS OF DEVELOPMENTS COULD BE PUBLISHED BIANNUALLY IF DEEMED APPROPRIATE.

B. EVALUATION AND DEVELOPMENT, IF THE EVALUATION IS POSITIVE, OF SMALL GEOTHERMAL POWER PLANTS. SUCH PLANTS WOULD BE IN THE 1.5 TO 3.5 MW RANGE, NAMELY LARGE ENOUGH TO CONTRIBUTE SIGNIFICANTLY TO AN ELECTRICAL SYSTEM BUT NOT SO LARGE AS TO BE AN IMPEDIMENT TO CAPITAL INVESTMENT. THE INITIAL EVALUATION WOULD INCLUDE CONSIDERATION OF SPECIFIC PROBLEMS
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ANTICIPATED IN APPLICATION OF THESE SYSTEMS INDIFFERENT AREAS OF THE WORLD, THE GEOTHERMAL RESOURCES OF WHICH CONTAIN DIFFERENT PHYSICAL AND CHEMICAL PROPERTIES.

C. STUDY OF NON-ELECTRICAL USES OF GEOTHERMAL RESOURCES INCLUDING AGRICULTURAL APPLICATIONS, SPACE HEATING AND COOLING AND PROCESS HEAT. A VARIETY OF APPLICATIONS TO AGRICULTURE AND FISHERIES HAVE BEEN SUGGESTED BUT THEY HAVE NOT BEEN SYSTEMATICALLY STUDIED. LIKEWISE, EXAMPLES OF SPACE

HEATING AND COOLING, AND PROCESS HEAT HAVE BEEN NOTED
BUT HTSE HAVE NOT BEEN SYSTEMATICALLY DETAILED.

3. REQUEST ADDRESSEES PRESENT CONTENTS OF PARA 2 TO
APPROPRIATE OFFICIALS OF HOST COUNTRIES AND IGO'S ASAP,
DRAWING ON PARA 1 AS APPROPRIATE. ADDITIONAL PROPOSALS
OR SUGGESTED MODIFICATIONS OF THE U.S. SUGGESTED PROPOSALS
SHOULD BE TRANSMITTED TO EMBASSIES ASAP BUT HOPEFULLY NO
LATER THAN SEPTEMBER 21 FOR TELEGRAPHIC TRANSMISSION TO
WASHINGTON ATTENTION HODSOLL/WHITE HOUSE, SCHOLLAERT/
DEPARTMENT AND WERNER/AEC. WHILE ADDITIONAL PROPOSALS
OR SUGGESTIONS CAN BE TRANSMITTED AFTER SEPTEMBER 21 OR
INDEED BE TABLED AT THE MEETING ITSELF, IT WOULD BE VERY HELPFUL
IF SUGGESTIONS AND PROPOSALS COULD BE MADE AS MUCH IN
ADVANCE OF OCTOBER MEETING AS POSSIBLE.

4. DETAILED SCHEDULE AND ADMINISTRATIVE ARRANGEMENTS
FOR CALIFORNIA MEETING ARE BEING TRANSMITTED SEPTTEL.
REQUEST ADDRESSEES TRANSMIT THESE WITH ABOVE PROPOSALS.
EMBASSIES SHOULD NOTE THAT IT IS U.S. INTENTION TO HAVE
GENERAL PRESENTATIONS AND DISCUSSION OF PROPOSALS ON
MONDAY, OCTOBER 1, WITH A VIEW TO DEVELOPING A CONSENSUS
ON A CCMS PROJECT PROPOSAL IN THE COURSE OF THE TOUR, FINAL
APPROVAL OF WHICH WILL BE DISCUSSED FRIDAY, OCTOBER 5, IN
SAN DIEGO. IF SUCH APPROVAL IS OBTAINED, THE U.S., AS
PILOT COUNTRY, WILL SUBMIT THE FINAL PROPOSAL TO CCMS AT
THE BRUSSELS OCTOBER 23-24 PLENARY. RUSH

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